Human Cardiotrophin-1 / CTF1 Protein (Fc Tag)

Catalog Number: **16013-H01H**

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

CTF1

Protein Construction:

A DNA sequence encoding the human CTF1(NP_001321.1)(Ser2-Ala201) was expressed with the fused Fc region of human IgG1 at the N-terminus.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: (76.0+8.5) % as determined by SDS-PAGE

Bio-Activity:

Measured in a cell proliferation assay using TF-1 human erythroleukemic cells.
The ED50 for this effect is typically 0.015-0.06 μg/mL.

Endotoxin:

< 1.0 EU per μg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 ℃

Predicted N terminal: Glu

Molecular Mass:

The recombinant human CTF1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 460 amino acids and has a predicted molecular mass of 49.5 kDa. The apparent molecular mass of the protein is approximately 54 and 37 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

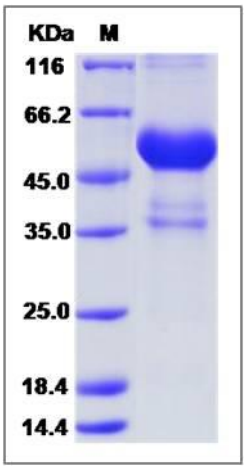
Usage Guide

Storage:

Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.